WHAT IS CLAIMED IS:

1. A method of identifying a nucleic acid sequence, comprising:

a) creating a directory of files in a computer, for storing information related to the nucleic acid sequence;

b) inputting a raw nucleic acid sequence into the computer;

c) trimming the raw nucleic acid sequence to obtain a trimmed nucleic acid sequence;

d) submitting the trimmed nucleic acid sequence electronically to a nucleic acid identification database having a search program and receiving search results electronically from the nucleic acid identification database;

e) choosing selective information from each search result and inserting the selective information from each search result into a first electronic spreadsheet;

f) selecting at least one of the search results from the first electronic spreadsheet and inserting the at least one search result into a second electronic spreadsheet.

2. The method of claim 1 wherein said nucleic acid identification database is publicly accessible via the Internet.

3. The method of claim 2 wherein said nucleic acid identification database is the National Center for Biotechnological Information database.

4. The method of claim 1 wherein the raw nucleic acid sequence in step b) is in electronic form.

5. The method of claim 1 wherein step a) includes creating seven main directories comprising a raw nucleic acid sequence directory for storing raw nucleic acid sequences from step b), a trimmed nucleic acid sequence directory for storing trimmed nucleic acid sequences from step c), a trimming parameters directory for storing trimming parameters used in step c), a nucleic acid identification database search results directory for storing the search results from step d), a first electronic spreadsheet directory for storing the selective information from step e), a second electronic spreadsheet directory for storing the at least one search result from step f), a vector directory for storing vector definitions and a temporary file storage directory for temporarily storing files.

6. The method of claim 5 further comprising creating a DNA library subdirectory in each of the raw nucleic acid sequence directory, the trimmed nucleic acid sequence directory, the trimming parameters directory and the nucleic acid identification database search results directory.

7. The method of claim 1 wherein step d) is performed at a preset later time.

8. The method of claim 1 wherein step c) includes removing cloning vector and attachment adapter sequences from the raw nucleic acid sequence.

9. The method of claim 1 wherein the second electronic spreadsheet in step f) includes hyperlinks to the first electronic spreadsheet in step e), the search results in step d) and the nucleic acid identification database in step d).

10. The method of claim 1 wherein the search results in step d) are received in the form of an html file.

11. The method of claim 10 wherein the selective information in step e) includes a particular database that was searched, a hyperlink to the html file, a hyperlink to the nucleic acid identification database, a score that represents the number of nucleotides matching between the trimmed nucleic acid sequence and a sequence stored in the nucleic acid identification database, an E value that represents the probability that a random sequence of nucleotides having a length equal to a length of the trimmed nucleic acid sequence would match the sequence stored in the nucleic acid identification database and a textual description of the sequence stored in the nucleic acid identification database.

12. The method of claim 8 wherein trimming positions used in step c) are based upon how well the cloning vector and attachment adapter sequences match the raw nucleic acid sequence at specified locations.

13. The method of claim 12 wherein the trimming positions are adjustable by a user using a Trimming Interface display.

14. The method of claim 1 wherein step d) includes submitting the trimmed nucleic acid sequence and receiving the search results using a web browser program and the Internet.

15. The method of claim 13 wherein the Trimming Interface display includes scroll bars for adjusting the trimming positions.

16. The method of claim 12 wherein the trimming positions are automatically selected by the computer.

17. The method of claim 1 wherein in step e) the computer automatically chooses the selective information and inserts the selective information into the first electronic spreadsheet.

18. The method of claim 1 wherein in step f) the computer automatically selects the at least one search result and inserts it into the second electronic spreadsheet.

19. The method of claim 1 wherein in step f) a user selects the at least one search result.

20. A computer readable medium containing a computer program for performing the method of claim 1.